| Inc | lex of | Claims |  |
|-----|--------|--------|--|
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| Ap | plicat | tion/C | ontro | l No. |
|----|--------|--------|-------|-------|
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10/612,029

Examiner

Applicant(s)/Patent under Reexamination

WU, JERRY

Art Unit

Alexander D. Gilman

2833

| <b>√</b> | Rejected |
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| -        | Allannad |

| _ | (Through numeral)<br>Cancelled |
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Restricted

| N     | Non-Elected  |
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| <br>_ | Interference |

| Α | Appeal   |
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| o | Objected |

|                        |  | L.         | Ц.           |                |  |  | J  |          | L        |                 |
|------------------------|--|------------|--------------|----------------|--|--|--|----------|----------|-----------------|
|                        |  | T 7        |              |                |  |  |  |          |          | _               |
| Cla                    | im   | W          | ?            |                |  | Dat  | <u>e</u> _                                       |          | _        |                 |
| l _                    | Original   | 11 08/11/6 |              |                |  |  | ŀ  |          |          |                 |
| Final                  | l ·₽   | 1          |              |                |  |  |  |          |          | lΙ              |
| L.                     | <u>5</u>   | 7          |              |                |  |  |  | 1        |          |                 |
| <u></u>                |  | 10         | L            | <u> </u>       | <u> </u>   | _  | <u> </u>   | L.       | <u> </u> | Ш               |
| <u> </u>               | 1<br>2<br>3<br>4<br>5<br>6<br>7  | =          |              | ┡              | Ļ  | <u> </u>   | <u> </u>   | <u> </u> | <u> </u> | <u> </u>        |
| <u> </u>               | 2  | =          | _            |                | _  |  | ļ  | L.,      | ļ        |                 |
|                        | 3  | =          | <del> </del> | <u> </u>       | ├  | _  | <u> </u>   |          | ├        | Н               |
|                        | 4  | -          | -            | ├-             | <u> </u>   | -  | <u> </u>   | -        | _        | Н               |
|                        | 2  | H          | ┝            | ├              |  | <b>!</b>   | <u> </u>   | <u> </u> | _        |                 |
| <u> </u>               | 7  | H          | ⊢            | ├              | -  | -  |  | -        |          |                 |
| -                      |  | Н          | ⊢            |                | -  | -  | $\vdash$   | -        | -        | -               |
|                        | 8<br>9   | +          | <del> </del> | <u> </u>       | ┢  | -  |  | -        |          | H               |
| -                      | 10   | 1          | ⊢            | ⊢              | $\vdash$   | $\vdash$   |  | $\vdash$ | $\vdash$ | Н               |
|                        | 11   | ==         | ├            | $\vdash$       |  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | Н               |
| <b></b>                | 12   | =          | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash \vdash$ |
| <del></del>            | 12   | <u> </u>   | -            | -              | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash \vdash$ |
| h                      | 14   | <u> </u>   | -            | <del>  -</del> | -  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ | ${ m H}$        |
|                        | 15   | H          | -            |                |  | <del>                                     </del> | $\vdash$   | $\vdash$ |          | Н               |
|                        | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 | 1          | H            | $\vdash$       | <del>                                     </del> |  | <del>                                     </del> | $\vdash$ | $\vdash$ | Н               |
|                        | 17   | 1          |              |                | ┢  | ┢  | -  |          | _        | $\vdash$        |
| <b> </b>               | 18   | 1-1        | _            | 1              | 1-   | <del>                                     </del> | ╁  | -        | -        | H               |
| <b></b>                | 19   | ≡          |              | $\vdash$       |  |  | $\vdash$   |          |          | Н               |
|                        | 20   | $\vdash$   | <b></b> -    |                | $\vdash$   | $\vdash$   | H  | Н        | H        | Н               |
|                        | 21   | $\vdash$   | _            |                | -  | _  | $\vdash$   |          | $\vdash$ | H               |
|                        | 22   |            |              |                | İ  |  |  | -        |          | П               |
|                        | · 23   |            |              |                |  |  |  | _        |          |                 |
|                        | 24   | Γ          | Г            | Г              |  |  |  |          |          |                 |
|                        | 25   |            |              |                |  |  |  |          |          |                 |
|                        | 26   |            |              |                |  |  |  |          |          |                 |
|                        | 27   |            |              |                |  |  |  |          |          |                 |
|                        | 28   |            |              |                |  |  |  |          |          |                 |
|                        | 29   |            |              |                |  |  |  |          |          |                 |
|                        | 30   |            |              |                |  |  |  |          |          |                 |
|                        | 31   |            |              |                |  |  |  |          |          |                 |
|                        | 32   |            |              | <u> </u>       |  |  |  |          |          |                 |
| $\sqcup$               | 32<br>33<br>34   | <u> </u>   | L_           | L_             | <u>L</u>   | <u>_</u>   |  |          |          | Щ               |
| $oxed{oxed}$           | 34   | Ш          |              |                |  |  |  |          | L        | Ш               |
| <b>  </b>              | 35   | H          | _            | $\vdash$       | L  | L.   | L  | Ļ        | <u> </u> | Щ               |
| <u>  </u>              | 35<br>36<br>37   | Ш          | _            | $\vdash$       | $\vdash$   | <u> </u>   | _  | <u> </u> | <b> </b> | Ш               |
|                        | 3/   |            | -            | <u> </u>       | _  | <u> </u>   | _  | <u> </u> | $\vdash$ | $\dashv$        |
| $\vdash \vdash \vdash$ | 38<br>39   |            |              | $\vdash$       | -  |  |  | <u> </u> | _        | _               |
| $\vdash\vdash$         |  |            | _            | $\vdash$       | $\vdash$   | -  | -  |          | -        | $\dashv$        |
|                        | 40<br>41   | <b>-</b>   |              | H              | $\vdash$   | $\vdash$   | <u> </u>   | H        | $\vdash$ | $\vdash$        |
| $\vdash$               | 41   |            |              | $\vdash$       | $\vdash$   |  |  |          | $\vdash$ | $\vdash$        |
| $\vdash\vdash\vdash$   | 43   | $\vdash$   | -            | $\vdash$       | $\vdash$   | $\vdash$   | -  | -        | -        | $\dashv$        |
| <del>  </del>          | 43   |            |              |                | -  | _  | _  |          | $\vdash$ | $\dashv$        |
| $\vdash\vdash$         | 45   | $\vdash$   | _            | H              | $\vdash$   | $\vdash$   |  |          |          | $\dashv$        |
| $\vdash \vdash \vdash$ | 46   |            |              |                |  | H  | <u> </u>   | H        | Н-       | $\dashv$        |
| $\vdash$               | 47   |            |              |                | -  | -  | -  | $\vdash$ |          | $\dashv$        |
| $\vdash \vdash \vdash$ | 48   | -          | _            |                | $\vdash$   | $\vdash$   | -  | -        | -        | $\dashv$        |
| <del></del>            | 49   |            | -            |                |  | -  | $\vdash$   | $\vdash$ | $\vdash$ | $\dashv$        |
| $\vdash$               | 50   | $\vdash$   |              | $\vdash$       |  | _  | $\vdash$   | _        | -        | $\dashv$        |

| Cla      | aim      | Γ  |            |  |                                | Dat  | <u>—</u> | _  |  |                                     |
|----------|----------|--|------------|--|--------------------------------|--|----------|--|--|-------------------------------------|
|          |          | П  | Г          |  |                                |  |          |  |  | Ī                                   |
| Final    | Original |  |            |  |                                |  |          |  |  |                                     |
|          | 51       |  | Г          |  |                                |  |          |  |  |                                     |
|          | 52       |  |            |  |                                |  |          |  |  |                                     |
|          | 53       |  |            |  |                                |  |          |  |  |                                     |
|          | 54<br>55 | _  |            |  |                                |  |          |  |  |                                     |
|          | 55       | L  |            | L  | <u> </u>                       |  |          |  |  | L                                   |
|          | 56       |  | L.         | ļ  |                                |  | <u> </u> | <u> </u>   |  |                                     |
|          | 57       | <u> </u>   | _          |  |                                | <u> </u>   |          |  |  |                                     |
|          | 58       |  | <u> </u>   |  | L                              | _  | _        | L  |  | _                                   |
|          | 59       |  | <u> </u>   |  | _                              |  |          | <u> </u>   | _  | <u> </u>                            |
|          | 60       |  |            | -  | ├                              | ⊢  | ⊢        | ⊢  | -  | ⊢                                   |
| -        | 61<br>62 | ├  |            | $\vdash$   | $\vdash$                       |  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$                            |
|          | 63       |  | -          | <del> </del>                                     | <del> </del>                   | -  | $\vdash$ | ⊢  | $\vdash$   | $\vdash$                            |
| $\vdash$ | 64       | <del>                                     </del> | +          | $\vdash$   | -                              | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$                            |
| $\vdash$ | 65       |  | -          | $\vdash$   | -                              | <del>                                     </del> | -        | -  |  | -                                   |
|          | 66       |  | <b>†</b>   | $\vdash$   | $\vdash$                       | $\vdash$   | <u> </u> | $\vdash$   |  | -                                   |
|          | 67       |  | _          | <del>                                     </del> | _                              | <u> </u>   |          | <del>                                     </del> | <del>                                     </del> | T                                   |
|          | 68       |  |            |  |                                |  |          | 1  | Г  |                                     |
|          | 69       |  |            |  |                                |  |          |  |  |                                     |
|          | 70       |  |            |  |                                |  |          |  |  |                                     |
|          | 71       |  | lacksquare | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$        | $oxedsymbol{oxedsymbol{oxed}}$ | _  | <u> </u> |  | <u> </u>   | _                                   |
|          | 72       | _  | L          | _  | _                              | <u> </u>   | <u> </u> | L_   |  | _                                   |
| <u> </u> | 73       | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>                       | ļ  | _        | <u> </u>   | <u> </u>   | _                                   |
| -        | 74       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$                       | _  | -        | <u> </u>   | _  | <u> </u>                            |
|          | 75<br>76 | $\vdash$   | $\vdash$   |  |                                | $\vdash$   |          | $\vdash$   | <del> </del>                                     | <del> </del>                        |
| -        | 76<br>77 | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$                       | $\vdash$   | $\vdash$ | -  | <del> </del>                                     | <del> </del>                        |
|          | 78       | Н  | $\vdash$   |  | $\vdash$                       | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$                            |
| $\vdash$ | 79       | -  | -          | <del>  -  </del>                                 | _                              | _  |          |  |  | $\vdash$                            |
| $\vdash$ | 80       |  |            |  |                                | _  |          |  |  |                                     |
|          | 81       | П  | Г          |  |                                |  |          |  |  |                                     |
|          | 82       |  |            |  |                                |  |          |  |  |                                     |
|          | 83       |  |            |  |                                |  |          |  |  |                                     |
|          | 84       | L  | <u> </u>   | <u> </u>   |                                |  |          |  |  |                                     |
|          | 85       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | _          | _  |                                | L_   |          |  | <u> </u>   | L                                   |
|          | 86       | L  | <u> </u>   | <u> </u>   |                                | _  | <u> </u> | <u> </u>   | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |
|          | 87       | _  | <u> </u>   | <u> </u>   | H                              | _  | H        | <u> </u>   | Ŀ  | <b> </b> -                          |
| $\vdash$ | 88<br>89 | <u> </u>   | <u> </u>   | ļ  | -                              |  | -        | ⊢  | $\vdash$   | H                                   |
| $\vdash$ | 90       | $\vdash$   | $\vdash$   | $\vdash$   | H                              | -  | -        |  | $\vdash$   | $\vdash$                            |
| -        | 91       | -  | -          |  | -                              | $\vdash$   | -        | —  | -  |                                     |
| +        | 92       | -  | -          | -  | -                              |  |          | <u> </u>   |  |                                     |
|          | 93       |  | П          | Н  | Н                              |  | Н        |  |  |                                     |
|          | 94       |  | $\vdash$   |  | ·                              |  |          |  |  | _                                   |
|          | 95       |  |            |  |                                |  |          |  |  |                                     |
|          | 96       |  |            |  |                                |  |          |  |  |                                     |
|          | 97       |  |            |  |                                |  |          |  |  |                                     |
|          | 98       |  |            |  |                                |  |          |  |  |                                     |
| 1 7      | 99       |  |            | l  | l                              | ΙĪ   |          |  |  |                                     |

| Claim |                                 | Date           |  |  |  |                                |              |  |  |           |
|-------|---------------------------------|----------------|--|--|--|--------------------------------|--------------|--|--|-----------|
|       |                                 | T              | T  | П  | Π  | <u> </u>                       | Γ            | Γ  | Г  | П         |
| Final | Original                        |                |  |  |  |                                |              |  |  |           |
|       | 101                             |                |  |  |  |                                |              |  |  |           |
|       | 102<br>103                      | _              | _  | L  | _  | _                              | <u> </u>     | <u> </u>   |  |           |
|       | 103                             |                | <u> </u>   | $oxed{oxed}$                                     | L  | _                              |              | _  | _  | L         |
|       | 104<br>105                      |                |  | <u> </u>   | _  | ļ                              | _            | L.   | <u> </u>   | Ш         |
|       | 105                             | <u> </u>       | <u> </u>   | ļ  | <u> </u>   | <u> </u>                       |              | _  | ┞  | Ш         |
|       | 106                             | <u> </u>       | ļ  | <del> </del>                                     | _  | _                              | -            | ├  | ▙  | Н         |
|       | 107                             | -              | -  | _  | -  | ļ                              |              | <del> </del>                                     | ⊢  | Н         |
|       | 108                             | <del> </del> — | ├  | -  | ⊢  | ├—                             | -            | ├  | ⊢  | Н         |
|       | 109<br>110                      | <del> </del>   | ┢  | -  | ┢  | <u> </u>                       |              | ╁  | $\vdash$   | Н         |
|       | 111                             | <del> </del>   | ┢  |  | $\vdash$   | <u> </u>                       |              |  |  | Н         |
|       | 112                             | <del> </del>   |  | <del> </del>                                     | $\vdash$   | $\vdash$                       |              | $\vdash$   |  | Н         |
|       | 113                             | $\vdash$       | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$                       | $\vdash$     |  |  | Н         |
|       | 112<br>113<br>114<br>115<br>116 | T              |  | <del>                                     </del> |  | T                              |              |  | T  | H         |
|       | 115                             |                |  | Ι  | Τ  | $\vdash$                       |              | <del>                                     </del> | T  | П         |
|       | 116                             |                |  |  | ļ  | -                              |              |  | Г  | П         |
| ,     | 117                             |                |  |  |  |                                |              |  |  |           |
|       | 118<br>119                      |                |  |  |  |                                |              |  |  |           |
|       | 119                             |                |  |  |  |                                |              |  |  |           |
|       | 120<br>121<br>122               |                |  |  |  |                                |              |  |  |           |
|       | 121                             | L              | L  |  |  |                                | <u> </u>     | <u> </u>   |  |           |
|       | 122                             | lacksquare     | <u> </u>   |  | · .  |                                | _            | _  | _  |           |
|       | 123<br>124<br>125               | _              |  |  |  | _                              | L            | ļ  | L  | Ш         |
|       | 124                             | _              |  | <u> </u>   | <u> </u>   | _                              | _            | <u> </u>   | <u> </u>   | $\square$ |
|       | 125                             | _              | _  | <u> </u>   | _  | <u> </u>                       |              | <u> </u>   | ļ  | Ш         |
|       | 126<br>127                      |                | <u> </u>   | _  | <u> </u>   | <u> </u>                       | _            | -  | <del>                                     </del> | Н         |
|       | 127                             |                | _  |  |  |                                |              |  | <u> </u>   | Н         |
|       | 128<br>129                      |                | -  |  | -  | -                              |              |  | _  | Н         |
|       | 130                             |                | $\vdash$   |  | -  |                                |              | -  |  | Н         |
|       | 131                             |                | $\vdash$   |  | ┢  | ⊢                              |              |  |  | Н         |
|       | 131<br>132                      |                |  | -  | <del>                                     </del> | $\vdash$                       | <u> </u>     |  |  | H         |
|       | 133                             |                |  |  | $\vdash$   |                                | -            |  |  | Н         |
|       | 134                             | Т              |  |  | $\vdash$   | Г                              | Г            |  | $\vdash$   | -         |
|       | 135                             |                |  |  |  |                                |              |  |  | П         |
|       | 136                             |                |  |  |  |                                |              |  |  |           |
|       | 137                             |                |  |  |  |                                |              |  |  |           |
|       | 138                             |                |  | $\Box$   |  | $oxedsymbol{oxedsymbol{oxed}}$ |              |  |  | Ш         |
|       | 139                             | <u> </u>       |  | _  | _  |                                | L.           |  | <u>L</u>   | Ш         |
|       | 140                             | <u> </u>       |  |  |  | <u> </u>                       | <u> </u>     |  | <u> </u>   | Щ         |
|       | 141                             | <u> </u>       | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>                       | <u> </u>     | $\vdash$   | <u> </u>   | Щ         |
|       | 142                             | $\vdash$       | <u> </u>   | <u> </u>   | _  | <u> </u>                       | <u> </u>     | $\vdash$   | <u> </u>   | Щ         |
|       | 143                             |                | <u> </u>   | <u> </u>   | _  |                                | <u> </u>     | $\vdash$   | -  |           |
|       | 144<br>145                      | $\vdash$       | $\vdash$   |  | <u> </u>   | <del> </del>                   | <del> </del> | _  | -  | Н         |
|       | 146                             | -              | ├—   | -  | -  | $\vdash$                       |              |  |  | $\dashv$  |
|       | 147                             | <del> </del>   | $\vdash$   | <del>                                     </del> | $\vdash$   |                                | $\vdash$     | -  | $\vdash$   |           |
|       | 148                             | $\vdash$       | $\vdash$   | $\vdash$   | -  |                                | -            | -  | $\vdash$   | $\dashv$  |
|       | 149                             | _              | <del></del>                                      | _  | _  | $\vdash$                       | $\vdash$     |  |  | Н         |
|       | 150                             | $\vdash$       |  |  | -  | $\vdash$                       | _            |  | $\vdash$   | Н         |
|       | . 55                            |                |  |  |  |                                |              |  | L  | ш         |